

FIG. 1

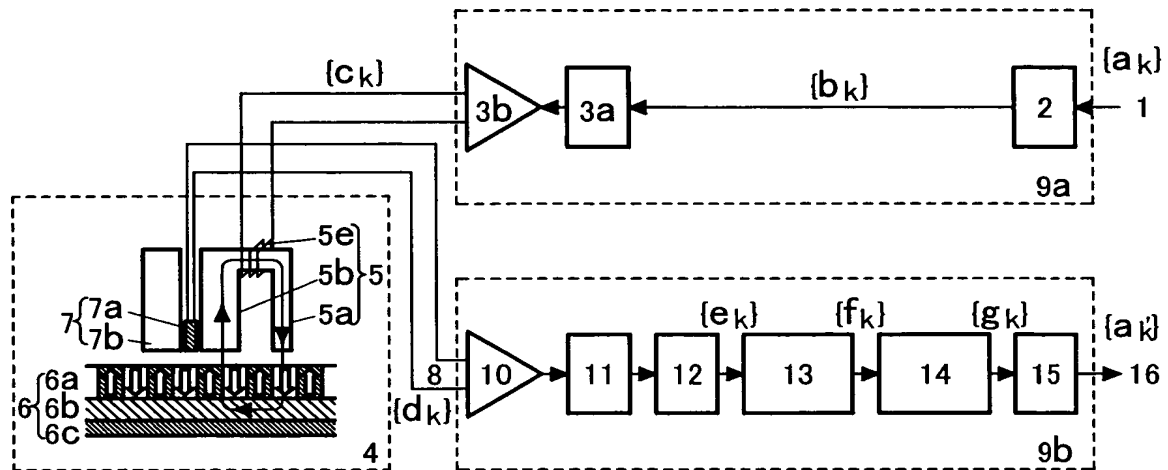


FIG. 2

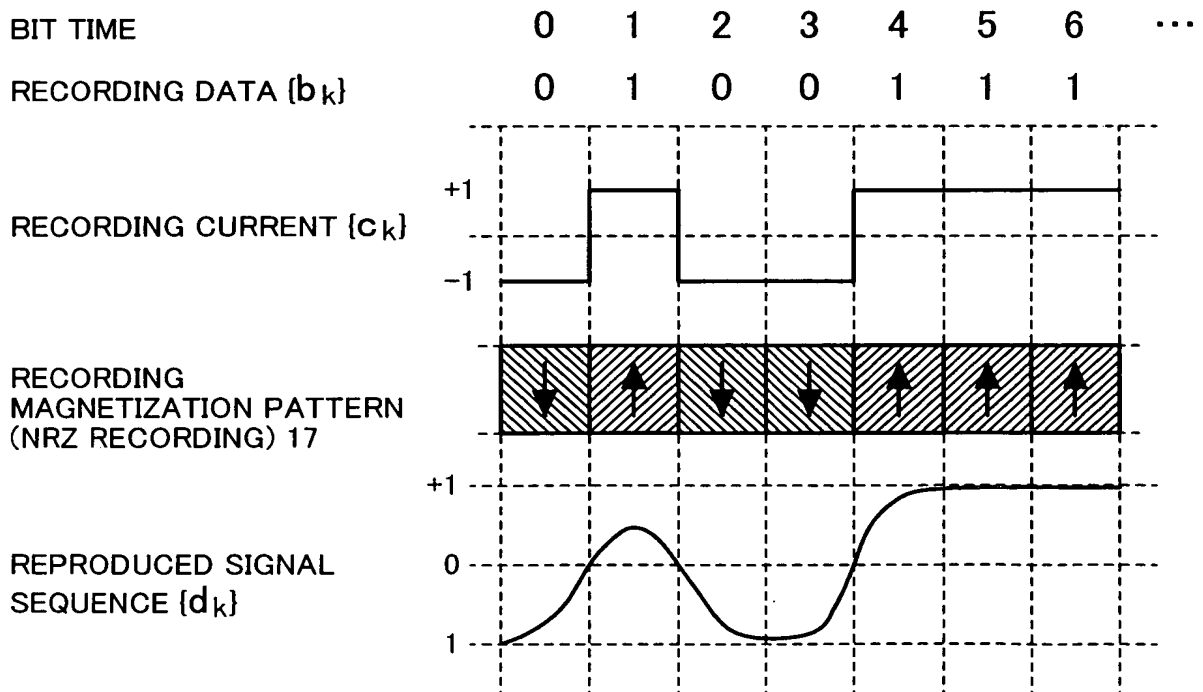


FIG. 3A

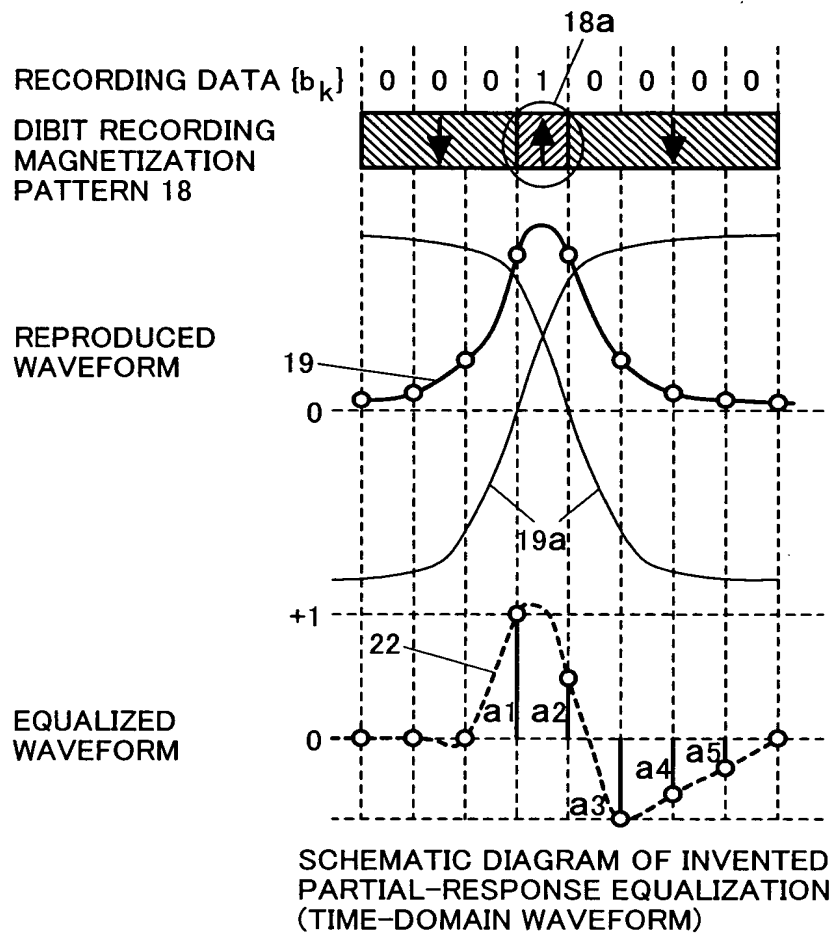
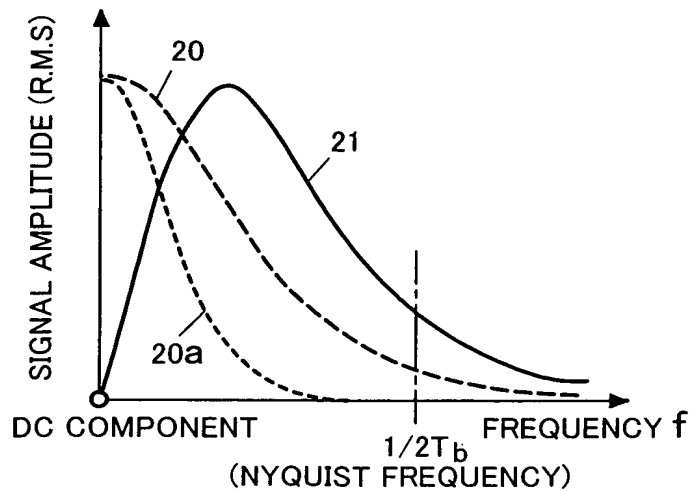


FIG. 3B



SCHEMATIC DIAGRAM OF INVENTED
PARTIAL-RESPONSE EQUALIZATION
(FREQUENCY-DOMAIN SPECTRUM)

FIG. 4

K	n=5	n=6	n=7
	(a1, a2, a3, a4, a5)	(a1, a2, a3, a4, a5, a6)	(a1, a2, a3, a4, a5, a6, a7)
0.8	(1.0, 0.44, -0.45, -0.63, -0.36)	(1.0, 0.54, -0.28, -0.51, -0.48, -0.27)	(1.0, 0.60, -0.19, -0.39, -0.43, -0.38, -0.21)
0.9	(1.0, 0.56, -0.46, -0.71, -0.39)	(1.0, 0.67, -0.25, -0.58, -0.55, -0.29)	(1.0, 0.74, -0.13, -0.45, -0.50, -0.44, -0.22)
1	(1.0, 0.67, -0.45, -0.79, -0.43)	(1.0, 0.81, -0.21, -0.66, -0.63, -0.31)	(1.0, 0.88, -0.06, -0.50, -0.58, -0.50, -0.24)
1.1	(1.0, 0.78, -0.44, -0.88, -0.46)	(1.0, 0.94, -0.15, -0.73, -0.73, -0.33)	(1.0, 1.02, 0.04, -0.55, -0.69, -0.57, -0.25)
1.2	(1.0, 0.88, -0.42, -0.96, -0.50)	(1.0, 1.06, -0.07, -0.81, -0.82, -0.36)	(1.0, 1.16, 0.15, -0.59, -0.80, -0.65, -0.27)
1.3	(1.0, 0.98, -0.40, -1.04, -0.54)	(1.0, 1.19, 0.01, -0.89, -0.92, -0.39)	(1.0, 1.30, 0.28, -0.62, -0.93, -0.74, -0.29)
1.4	(1.0, 1.06, -0.37, -1.12, -0.57)	(1.0, 1.30, 0.10, -0.96, -1.02, -0.42)	(1.0, 1.44, 0.42, -0.65, -1.06, -0.83, -0.32)
1.5	(1.0, 1.14, -0.35, -1.18, -0.61)	(1.0, 1.42, 0.19, -1.03, -1.13, -0.45)	(1.0, 1.57, 0.58, -0.68, -1.19, -0.94, -0.34)
1.6	(1.0, 1.21, -0.32, -1.25, -0.64)	(1.0, 1.52, 0.28, -1.09, -1.22, -0.49)	(1.0, 1.70, 0.74, -0.69, -1.33, -1.05, -0.37)
1.7	(1.0, 1.28, -0.31, -1.31, -0.66)	(1.0, 1.62, 0.37, -1.15, -1.32, -0.52)	(1.0, 1.83, 0.90, -0.70, -1.47, -1.16, -0.40)
1.8	(1.0, 1.34, -0.29, -1.36, -0.69)	(1.0, 1.71, 0.46, -1.20, -1.42, -0.55)	(1.0, 1.95, 1.06, -0.69, -1.62, -1.27, -0.43)
1.9	(1.0, 1.39, -0.27, -1.41, -0.71)	(1.0, 1.80, 0.55, -1.26, -1.52, -0.57)	(1.0, 2.06, 1.23, -0.69, -1.76, -1.39, -0.45)
2	(1.0, 1.44, -0.25, -1.45, -0.74)	(1.0, 1.88, 0.63, -1.31, -1.60, -0.60)	(1.0, 2.16, 1.40, -0.68, -1.90, -1.50, -0.48)

FIG. 5

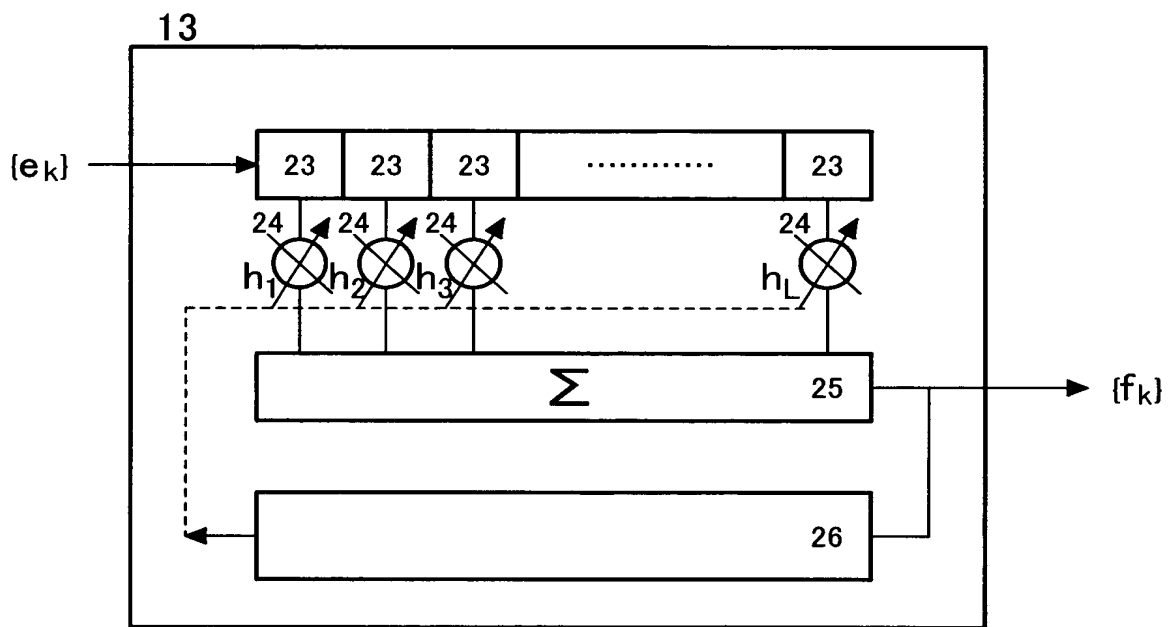


FIG. 6

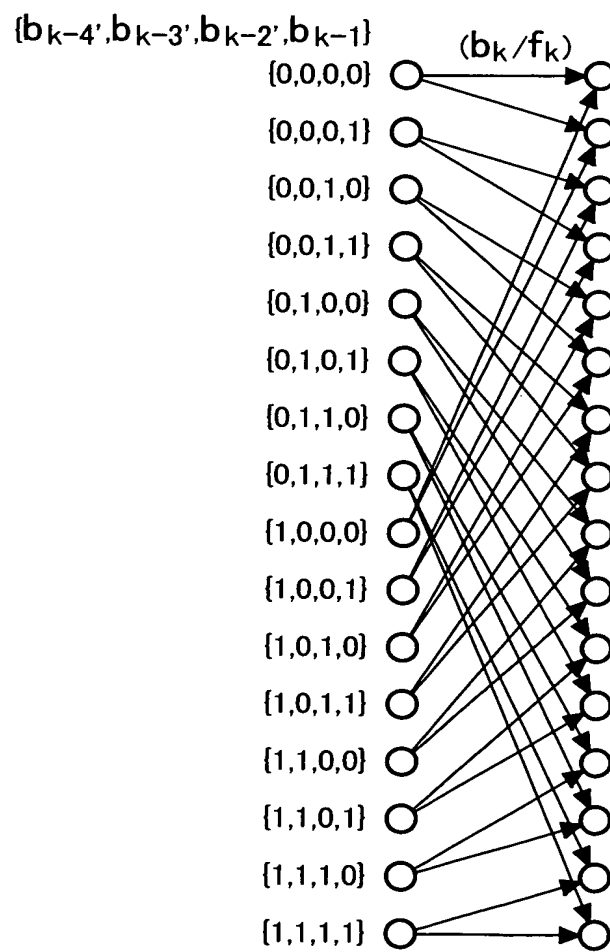


FIG. 7

